

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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INVENTOR(S) : Greg Charache et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, Item (57) please delete the Abstract and insert the following:

--ABSTRACT

A light source includes a semiconductor diode laser, and a reflector having a three-dimensional pattern of refractive index variations within the reflector. The reflector is in optical communication with the semiconductor diode laser and is aligned with an output beam of the diode laser, such that a portion of the light in the output beam is reflected back into the laser by the reflector.--

Signed and Sealed this
Third Day of May, 2011

A handwritten signature in black ink, reading "David J. Kappos" with a stylized flourish at the end.

David J. Kappos
Director of the United States Patent and Trademark Office